



It Takes a City

It Takes a City to Knock it Out of the PARCC!

Making the Transition from Pencil and Paper to Computer-based Assessments

Welcome!

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Gallaudet University
Ballroom B
Washington, DC

Moderator: Dr. Tonya Mead, State Test Integrity Coordinator



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Making the Transition from Pencil and Paper to Computer-based Assessments

DC Prep

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Third Party Investigators

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Moderator

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Agenda

- I. Introduction
- II. Case Studies
 - I. DC Prep
 - II. Meridian
- III. Independent Investigators' Perspective
- IV. Discussion
- V. Close



Introduction

Why make the transition?

- Obtain student assessment results in almost real time
- Reduce requirement for receiving, printing, storing, packing and shipping secure items
- Expand test format from multiple choice to adaptive



Introduction

Challenges

- Resistance to change
- Systems incompatibility
- Computer difficulties
- Lack of resources

Solutions Provided by Case Studies

- DC Prep
- Meridian

Third Party Investigator Perspective

- Caveon Test Security
- A&M Forensic & Dispute Resolution



DC Prep

Presentation of Case Study



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DC Prep Case Study Review

- Computer-Based Testing Logistics
- Preparing Students for Computer-Based Testing
 - Using hardware
 - Testing platforms
 - Explaining test problems
 - Checking for mastery



DC Prep Case Study Review

- Preparing Staff for Computer-Based Testing
 - Reinforce similarities
 - Develop routines
 - Train teachers
 - Process for support
 - Debrief



DC Prep Case Study Review

Challenges

Action Steps

Note-taking

Computer based practice

Formatting

Practice using tools

Connectivity

Infrastructure testing

Technical Difficulties

Chromebooks resolution



Meridian

Presentation of Case Study



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Meridian Case Study Review

- Executive Summary
 - Communication System and Establishing Clear Roles and Responsibilities
 - Technology and Scheduling Issues
- Problem Analysis and Challenges
 - Staff full time Testing Coordinator
 - Manage the Schedule and Track Issues for Resolution



Meridian Case Study Review

Challenge Who does what when ?

Solutions:

- Communication through grade level administrators
- Weekly meetings and professional development activities held
- Testing Coordinator trains all staff
- Testing Coordinator POC, Testing Committee 2nd POC
- Chief of Accountability and Testing Coordinator manages reporting, monitoring and investigation



Meridian Case Study Review

Challenge Resolution of Technology Issues

Solutions:

- Create Form A and Form B Tracking System
 - Form A- technical issues resolved by close of business
 - Form B- for students who have not arrived for assessments
- Designate days of the week to test run operating systems
- Update commuters with programming required



Meridian Case Study Review

Challenge Scheduling

Solutions:

- Create schedule around lunch periods
- Test and refine the schedule throughout the year (general and pull out)
- Schedule is created by the Testing Committee
- Test Committee Members Representative of All Levels
 - Executive Leadership
 - Student Support, Technical Support and Data



Investigator's Perspective

- Caveon Test Security
- Alvarez and Marsal Forensic and Dispute Resolution



Caveon Test Security

Test Security and Data Forensics



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Caveon Test Security

- The Test Security Landscape
- How Computer-based Testing Reduces Cheating
- New Technologies offer new Cheating Opportunities
- How Computer-based Testing Introduces New Threats
- Data Forensics



Risk Assessment and Control



Alvarez & Marsal

- Transition of Test Security Risks
DC CAS to PARCC
- Categories of Risks
 - Risks that exist for both Paper/Pencil and Computer-Based Testing
 - Risks unique to Computer-Based Testing
- Control Updates Required
- Detection of Potential Test Security Violations



Discussion and Close

- Questions and Answers
- Thanks
 - The Office of the State Superintendent of Education Thanks the Expert Panelists for the Wealth of Information Shared and the Audience and Participants for Your Time and Attention!

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